

## HD Video Communications on Display

### The integrated HD video communications solution designed to streamline your business.

LGExecutive, powered by LifeSize<sup>®</sup>, is the ideal combination of an HD video communications solution and the functionality of an HD display, all in one sleek form factor. This jointly developed offering from LG and LifeSize combines HD quality performance, affordability and interoperability to maximize the return on the customer's video communications investment.

#### The Smart Choice for Highest Quality Experience

The solution supports 720p30 HD video calling and is a natural extension of the HD quality customers have come to expect from LifeSize. The device is also broadly interoperable with video conferencing endpoints and IP/PBX installations—enabling executives, remote office employees and teleworkers to connect face to face with anyone, anywhere.

#### The Simple, Integrated Solution with Easy Setup

Users will enjoy a high definition, immersive experience without worrying about setup and space required for a separate camera, video endpoint and display. Deployment is simple and takes only minutes, while the sleek 24" display fits easily on an office desk or in a small workspace.

#### Streamlined Business Activities and Communications

This integrated system combines HD video, camera, and wideband audio, all within an HD resolution display. Business users never have to leave the comfort of their office chairs to host or participate in an HD video call and can seamlessly switch back to PC use after their call is complete. Data in the form of presentations or other content can be shared over the network. Users can easily record video via one button recording and live streaming via LifeSize<sup>®</sup> Video Center.

**LGExecutive, powered by LifeSize<sup>®</sup>**

Simple. Smart. Streamlined.



### LGExecutive, powered by LifeSize Key Features

**HD Video Communications** Point-to-point HD video calls at 720p30 HD resolution

**HD Display** Fully integrated HD video and wideband audio system in a 24" display with 1920x1080 HD resolution

**Interoperability** Broad interoperability with VTC endpoints, IP/PBX installations

**Easy Setup for Quick Mainstream Deployment** 2 wires to set up system: power and Ethernet

**Intuitive Graphical Interface** Easy switching between HD video conferencing and PC monitor functionality

**Compact Form Factor** Integrated 720p camera, microphone array and premium speakers

**Data Transmit** Share presentations during a video call via LifeSize<sup>®</sup> Virtual Link<sup>™</sup>

**Live Streaming and Recording** One button recording and live streaming to LifeSize<sup>®</sup> Video Center

## System Components

Fully integrated display, camera, microphone, speakers, and codec  
Cables

## Display

24" LCD monitor  
1920x1080 resolution, 16:9 aspect ratio  
Contrast ratio: 50,000:1  
Viewing angle: 170°/160°  
Response time: 2ms (Typical)  
Brightness: 310 cd/m2  
Auto resolution  
Antiglare surface treatment  
16.7M colors

## Communications

H.323, SIP  
128 Kbps–2.0 Mbps

## HD 720p Camera

Fixed focus with range from 241 mm (9.5") to infinity

## Video Specifications/Video Resolutions

Maximum resolutions widescreen 16:9 aspect ratio  
All resolutions progressive scanning  
All resolutions at 30 frames per second  
192 Kbps (432x240 pixels) widescreen FCIF  
384 Kbps (720x400 pixels) cable TV  
512 Kbps (800x488 pixels) DVD resolution  
768 Kbps (1024x576 pixels) 2x DVD resolution  
1.1 Mbps or higher (1280x720 pixels) high definition  
Actual resolution depends on capability of remote end and is impacted by the quality of the communications channel

## Video Standards

H.264, H.263, H.261 and H.239/BFCP compliant with Polycom  
H.239 (transmit)—uses H.264 (requires software version 4.7 or newer and LifeSize® Virtual Link™)

## Video Inputs (2 Inputs)

1 x HDMI  
1 x VGA

## HD Audio Input

Dual omni-directional, beam forming microphones  
100 Hz up to 16 kHz

## Audio Features

Built-in ringer  
GIPS NetEQ packet loss concealment  
Full duplex for natural conversations  
Echo cancellation for echo-free calls  
Automatic noise reduction  
Automatic gain control

## Audio Standards

G.711, G.722, G.722.1 and G.722.1C licensed from Polycom®, G.728, G.729, MPEG-4 -AAC-LC

## Audio Features

HD audio  
GIPS NetEQ packet loss concealment  
Full duplex for natural conversations  
Echo cancellation for echo-free calls  
Automatic gain control  
Automatic noise reduction  
MicPod or Dual MicPod support (optional)

## Audio Standards

G.711, G.722, G.722.1 and G.722.1C licensed from Polycom®, G.728, G.729, MPEG-4 -AAC-LC

## Audio Input

1 x microphone in (3.5mm)

## Audio Output

1 x line out/headset (L+R) (3.5mm)

## Other Supported Standards

H.225, H.245, H.281, RFC 3261, RFC 3264, RFC 2190, RFC 3407, RFC 2833

## Network Interfaces

Integrated 2-port Ethernet switch  
1 x RJ-45 network LAN  
1 x RJ-45 for PC connectivity

## Stream/Record with LifeSize® Video Center

Stream/record video and data\* outside of a call  
Single button, ad-hoc recording  
Recording indicator  
Available with software version 4.7 or later

## User Interface & Features

Context sensitive user interface  
Graphical user interface call manager  
Multiple languages supported  
Do Not Disturb mode

## Security

Admin and user-level password  
SNMP security alerts  
Ability to disable HTTP, SSH and Telnet services  
H.235 (AES) encryption support including strict compliance  
TLS/SRTP support  
IEEE 802.1x support  
Kensington Security Slot™

## Intelligent Networking Features

Adaptive Motion Control (AMC)  
NAT/firewall traversal (H.460/SIP)  
IPv4 and IPv6 support  
Auto bandwidth detection

## Directory and Address Book

Up to 1000 local directory entries  
Save, lock, remove, redial list features  
Missed call notification  
Auto-discovery directory lookup (patent pending)  
LDAP support/H.350 compliant meetings  
H.323 URI dialing support (Annex O)

## System Management

SNMP  
Backup and restore capability

## Power

AC voltage 100–240V, 50–60 Hz

## Environmental Data

Operating temperature:  
0° C (32° F) to 35° C (95° F)  
Operating humidity:  
15% to 85%, noncondensing  
Storage temperature:  
-20° C (-4° F) to 60° C (140° F)  
Storage humidity:  
10% to 90%, noncondensing

## Dimensions

Width: 23.4" (594 mm)  
Depth: 2.8" (71 mm)  
Height: 20.3" (515 mm)  
Weight: 17.7 lbs (8.0 kg)

\* Recording data requires LifeSize® Virtual Link™



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